

Title (en)

A METHOD AND KIT FOR DETERMINING THE TISSUE OR CELL ORIGIN OF DNA

Title (de)

VERFAHREN UND KIT ZUR BESTIMMUNG DES GEWEBE- ODER ZELLURSPRUNGS VON DNA

Title (fr)

PROCÉDÉ ET KIT POUR DÉTERMINER L'ORIGINE TISSULAIRE OU CELLULAIRE D'ADN

Publication

EP 4306659 A3 20240327 (EN)

Application

EP 23209884 A 20150414

Priority

- US 201461979233 P 20140414
- EP 22158931 A 20150414
- EP 19209237 A 20150414
- EP 15720481 A 20150414
- IL 2015050403 W 20150414

Abstract (en)

A method of detecting death of a cell type or tissue in a subject is disclosed. The method comprises determining whether cell-free DNA comprised in a fluid sample of the subject is derived from the cell type or tissue, wherein the determining is effected by ascertaining the methylation status of at least four methylation sites on a continuous sequence of the cell-free DNA, the sequence comprising no more than 300 nucleotides, wherein a methylation status of each of the at least four methylation sites on the continuous sequence of the DNA characteristic of the cell type or tissue is indicative of death of the cell type or tissue. Kits for detecting cell death are also disclosed.

IPC 8 full level

C12Q 1/6883 (2018.01); **C12Q 1/6881** (2018.01); **C12Q 1/6886** (2018.01)

CPC (source: CN EP IL US)

C12Q 1/6881 (2013.01 - EP IL US); **C12Q 1/6883** (2013.01 - EP IL US); **C12Q 1/6886** (2013.01 - CN EP IL US);
C12Q 2600/154 (2013.01 - CN EP IL US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015159292 A2 20151022; WO 2015159292 A3 20151210; CN 106574296 A 20170419; CN 106574296 B 20210302;
DK 3643795 T3 20220509; DK 4026917 T3 20240212; EP 3132055 A2 20170222; EP 3643795 A1 20200429; EP 3643795 B1 20220330;
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FI 4026917 T3 20240214; HR P20240189 T1 20240426; IL 248299 A0 20161130; IL 248299 B 20210429; JP 2017511142 A 20170420;
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WO 2015159293 A2 20151022; WO 2015159293 A3 20151210

DOCDB simple family (application)

IL 2015050403 W 20150414; CN 201580031764 A 20150414; DK 19209237 T 20150414; DK 22158931 T 20150414;
EP 15720481 A 20150414; EP 19209237 A 20150414; EP 22158931 A 20150414; EP 23209884 A 20150414; ES 22158931 T 20150414;
FI 22158931 T 20150414; HR P20240189 T 20150414; IL 2015050404 W 20150414; IL 24829916 A 20161010; JP 2016562026 A 20150414;
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